

- DESCRIPTION:** A very hard, NMP-free/APEO-free, polycarbonate-based, aliphatic, waterborne polyurethane dispersion.
- SUGGESTED USES:** **L-3101** was developed for general coatings use where exceptional resistance to hydrolysis, oxidation and UV degradation is required. **L-3101** is ideally suited for exterior applications where film durability and longevity are important considerations.
- CHARACTERISTICS:**
- < Superior chemical and stain resistance
 - < Excellent exterior weathering durability
 - < Excellent humidity resistance
 - < Contains dipropylene glycol diimethyl ether co-solvent
- APPLICATION:** **L-3101** may be used as a sole vehicle or blended with acrylic emulsions for application by conventional or air-assisted spray equipment. It may be thickened with associative thickeners to attain desired application rheology.
- CURING:** **L-3101** may be air dried at ambient temperatures with the addition of 7 – 8% DPnB coalescing solvent. For thermal curing 5–7% DPnB co-solvent addition is recommended. Typical oven drying temperatures and dwell times for aqueous coatings are sufficient to produce optimal film properties.

PHYSICAL PROPERTIES

SOLIDS	35% (±1%)
VISCOSITY	50-500 cps
DENSITY	1.06
pH	7.5 - 10.0
OC CONTENT	75 g/l (as supplied)
SOFTENING POINT	350 F
SWARD HARDNESS	50

TENSILE PROPERTIES

(TESTED AT 2 INCHES/MINUTE)	
ELONGATION	100 %
TENSILE STRENGTH	7800 psi
100% MODULUS	5200 psi
200% MODULUS	NA
300% MODULUS	NA

SPECIAL NOTE: Mix well before removing product from containers. Container lids must be re-sealed tightly with the plastic header film after each use.

STORAGE STABILITY: The product must be stored in a controlled environment between 5 – 40°C and protected from direct exposure to sunlight. Shelf-life is 1 year from manufacture date (see lot # for

This information is believed to be accurate but is not guaranteed and we assume no legal responsibility for its accuracy. User should test the product to determine its suitability for their particular purpose. Nothing presented here is to be construed as a recommendation or inducement to use our product. We shall not be liable for any claims for damages, whether based on contract, negligence, and strict liability in tort or otherwise. Our products are sold without any implied warranty of merchantability or fitness for a particular purpose.

东莞市赢懋贸易有限公司

地址: 东莞市南城区鸿福路中环财富广场
E-mail 地址: euroland@euroland.net.tw
电话 0769-2288 9931 传真 0769-2288 8557